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WS320 Wifi IP PHONE

Technical Manual

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1. General Comments

ESCENE had bright out WS320 wireless ip phone for corporate customer. It provide wireless network to meet the high-end customers high avaiability demand and efficient work.

WS320 is a small-screen series IP phone, the appearance of fashion and technology, excellent voice quality, powerful features, is a new generation of smart phones to replace the traditional desktop office terminal.

WS320 IP Phone support 2 accounts registering and 2 calls management. Call Waiting, Call Queuing and Call Forward can be well implemented; meanwhile, it makes conference to be created very quickly. No matter how busy the calls will be, WS320 IP Phone can easily satisfy the requirement.

WS320 IP Phone supports 6 extend modules that totally contain 192 programming buttons. With the Busy Lamp Field（BLF）function, operators can manage and monitor the calls more efficiently. It provides headset jack that compatible with professional microphone headsets, which will finely satisfy the call centre.

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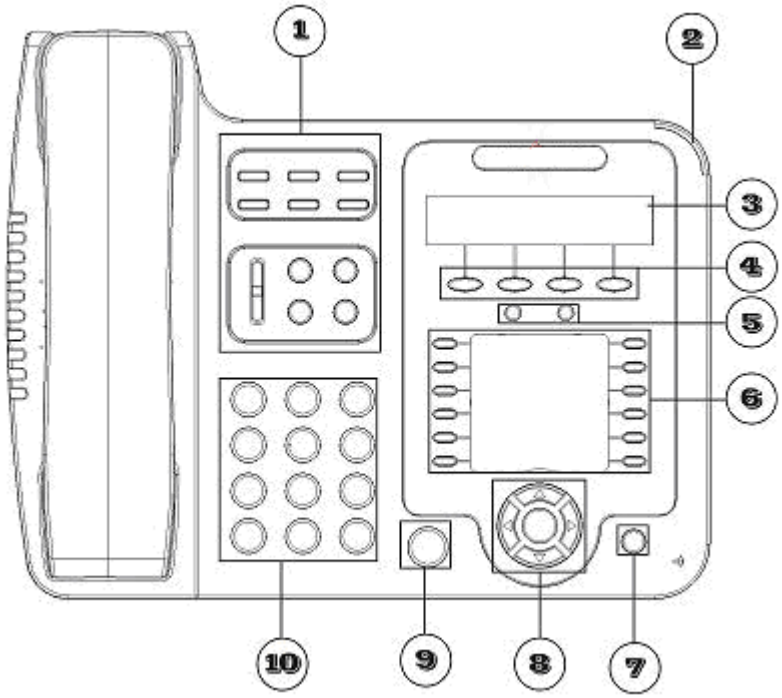
2. Product Appearance and models

（1）Product Appearance



① Function Key Area(Simple, convenient, fast)
② Incoming call Indicator light
③ Caller display(Support Chinese/English display, Caller info, Phone status, etc)
④ Software keypad(Operation screen shortcut, user-defined keyboard shortcuts)
⑤ Line Keypad（Line Status, Line Switch, Speed Dial, Call Queuing）
⑥ Programmable Keypad（BLF, BLA, Speed Dial）
⑦ Delete key
⑧ Navigation keypad（arrow keys, shortcut keys, confirm key）
⑨ Hands-free key
⑩ Dial keypad（Figures, Chinese alphabet, English alphabet）

(1) Function keys include: headset key, closed-tone key, message key, menu key, conference key, transfer key, redial key, maintaining key.
(2) Navigation key areas: up keys, down key, left key , right key, confirm key. Up key "high-speed call list" shortcut, down keys "missed calls list" shortcut , left key "have received call list" shortcut .
(3) Programmable keypad: 12 programmable keys, Support BLF, high-speed dial and other functions.

（2）Model Rules Description

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WS320 -P

P-POE(Optional)

3. Product Features

- **Support Chinese display**
  128*64 Pixel screen support Chinese display, include Chinese phonebook and interface setting, it is easy to use for Chinese.
- **Clear voice**
  WS320 through the unique voice processing technology that enables voice calls for more clarity and realistic, and communication more fluent.
- **Advanced Call Process**
  Support 8 lines bicolor indicator light circuit, managing two lines at the same time, carrying out call queuing and circuit switch, it's also convenient for teleconference and call transfer, meet the communication requirement at the busy time.
- **Support 12 Programmable Keys**
  Programmable keys can be defined as speed call key or other functional key to the appointed contact for improving the operating efficiency, 12 pieces Programmable Keys support the indicator light in busy line.
- **Enterprise Address Book Application**
  Support business contacts
  private phone book applications, to help with flowers quickly find the call number.
- **PoE Support and AC power adapter**
- **Support HTTP/TFTP/FTP Auto-provision/TR069 upgrade software**

4. Technical Features

Item	WS320
Screen	Grayscale LCD with background light
	128*64 pixel
Line	2 lines
Function Keys	4 Soft keys 2 Line keys 6 Navigation keys (Arrow button, OK button, C button) Volume adjust , Hands-free, Mute, Headset, Message

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	Menu, Directory, Service, Hold, Redial, Conference, Transfer
ProgrammableKeys	12
VoIP Protocol	SIP 2.0
Network Protocol	HTTP、BOOTP、FTP、TFTP、IEEE 802.1Q、*IEEE 802.1X
Codec	G.723.1 (5.3K 6.4K b/S)、G.729 A/B(8Kb/s)、G.711 A/U (64Kb/S)、G722
QoS	TOS，Jiffer Buffer，VAD，CNG，G.168 (32ms)
Network	2×RJ45 10/100M Ethernet Interfaces (LAN/PC) IP Assignment: static IP、DHCP、PPPoE DNS Client, *VPN(L2TP), VLAN
Voice	HD Codec, HD Handset Handle, Headset and Hands-free mode available Support call centre headsets and PC headsets Separated 9 Level Volume Adjustment
Call Processing	Line Status Indicator Multi Account Always Forward, Busy Forward, No-answer Forward Hotline number (Immediately/Delay) Call Waiting, Call Queuing, Line Switching Call Forward, Call Transfer, Call Holding, Call Pickup, *Callback One Key Dial, Redial Phone directly speed dial, Call record direct dial 3-way conference DnD, *Blacklist Voice mail, Voice Prompt, Voice Message BLF
Application	Support PSTN and VoIP Public phone directory Private phone directory
Security	Login LCD by password Login the website by password Signaling encryption Media encryption
Management	Upgrade: HTTP/TFTP/FTP Auto-provision/TR069 Configurations: Phone/HTTP/Auto-provision/TR069 Debug: Telnet/Phone/Web
Power Supply	Power adapter:AC100~240V input and DC 12V/1A output PoE(IEEE 802.af)
Specifications	Storage Temperature: 0℃ ~ 60℃ Operating Humidity: 10%~90% Size: 275mm*215mm*90mm Net weigh: 1.36kg
Package Features	Qty/CTN:10 PCS N.W/CTN: 13.6kg G.W/CTN: 14.1kg

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	Measurement: 0.081CBM Carton Meas: 470mm*450mm*290mm
Certifications	CE、FCC、RoHS

Note: "*" Sign means function has not been published yet.

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